

MH2006

First
Announcement

INTERNATIONAL SYMPOSIUM ON METAL-HYDROGEN SYSTEMS FUNDAMENTALS AND APPLICATIONS

October 1-6, 2006 Lahaina, Maui, Hawaii

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AIM OF THE SYMPOSIUM

MH2006 will provide a forum for international scientists to present and discuss new results and ideas concerning the fundamentals and applications of hydrogen interactions with metals and other materials. This symposium should help further the progress of hydrogen-based science and thus aid in future worldwide technological advances concerning energy and the environment.

Symposium Co-Chairs:

R. C. Bowman, Jr. C. M. Jensen T. J. Udovic

USA Organizing Committee:

C. Ahn M.S. Conradi G. Sandrock J. Wegrzyn
D.L. Anton M.-Y. Chou W. Tumas J.-C. Zhao
T. Autrey S. W. Jorgensen J.C. Wang R. Zidan

E-mail: MH2006@nist.gov

Symposium Website: <http://www.ncnr.nist.gov/MH2006>

If you wish to be on the MH2006 e-mailing list, pre-register on the symposium website before November 15, 2005.

Tentative Deadlines:

February 1, 2006 Abstract Submission
May 15, 2006 Reduced Registration Fee
September 1, 2006 Paper Submission

International Steering Committee:

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Y.Q. Lei	China		
M.H. Mintz	Israel		
D. Noréus	Sweden		

Honorary Members:

H. Ishikawa Japan
F. Lewis UK
G. Sandrock USA

Symposium Topics:

- Surface and interface effects
- Reaction kinetics
- Hydrogen diffusion, tunneling, and trapping
- Crystal structures, H-induced transformations
- Thermodynamics, phase diagrams
- Optical, magnetic, and electronic properties
- Isotopic phenomena, including muons
- New absorbers – properties and phenomena
- Thin films, nanocrystalline, amorphous, cluster, and composite materials
- H in non-metal materials
- Ni/MH batteries, fuel cells
- H₂ gaseous, thermal, and catalytic applications
- H processing of materials